

PRESTRESSED CONCRETE

GENERAL

This evaluation procedure outlines the Department's approval process for prestressed concrete producers.

SPECIFICATIONS

TDOT Standard Specifications Section 606

TDOT Standard Specifications Section 615

AASHTO T22

AASHTO T23

PROCEDURES

Prestressed concrete producers must undergo a complete inspection of processes, plant equipment, laboratory equipment, materials, and technician qualifications. A satisfactory plant inspection is required to become an approved producer and these inspections must be repeated annually at a minimum to remain on the Producer List. These inspections standardize certification throughout the regions, improve concrete quality, assure consistency of product, support quality control, and ensure adherence to the Tennessee Department of Transportation (TDOT) Standard Specifications for Road and Bridge Construction dated January 1, 2015. All submittals must be submitted to the Division of Materials and Tests at the contact listed below.

The producer must be certified by an approved National Quality Control Program such as Precast/Prestressed Concrete Institute (PCI).

Jason Mellons / Michael.J.Mellons@tn.gov / (615) 350-4152

For additional guidance, please refer to TDOT Standard Operating Procedure (SOP) 5-4.